

COMPOSITE MATERIAL FOR CONSTRUCTION

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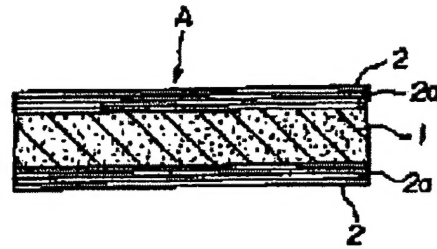
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Abstract of JP6123158

PURPOSE: To manufacture a lightweight, high-strength composite material for construction while easily achieving the strength that could meet design requirements.

CONSTITUTION: A composite material for construction comprises a plateshaped core 1, a fiber sheet 2... stuck to at least one side of the core 1, and resin used for gluing the core 1 and the fiber sheet 2... together and with which the fiber sheet 2... is impregnated. Even if a lightweight, low-strength member is used as the core 1, high strength can be added by the fiber sheet 2... against bending stress. Therefore, the composite

material is used as a lightweight,
high-strength building material by
using a lightweight core I.



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